

Directions:

Evaluate the student by checking the appropriate number or letter to indicate the degree of competency. The rating for each task should reflect **employability readiness** rather than the grades given in class.

Rating Scale:

- 3 Mastered** – can work independently with no supervision
2 Requires Supervision – can perform job completely with limited supervision
1 Not Mastered – requires instruction and close supervision
N No Exposure – no experience or knowledge in this area

3	2	1	N	A. The Greenhouse Industry	Notes:
				1. Identify the scope and development of the greenhouse industry.	
				2. Outline career paths and SAE (Supervised Agricultural Experience) opportunities available in the greenhouse industry.	
				Other:	

3	2	1	N	B. Growing Structures	Notes:
				1. Distinguish types of greenhouses by materials, structures, and layout.	
				2. Describe how environmental factors in a greenhouse are controlled.	
				3. Identify energy and cost-saving factors in greenhouse structures.	
				Other:	

3	2	1	N	C. Plant Science Basics	Notes:
				1. Distinguish plant parts, structures, and functions.	
				2. Identify the growth processes of a plant.	
				3. Distinguish plants by characteristics and purpose.	
				Other:	

3	2	1	N	D. Plant Growth	Notes:
				1. Describe environment necessary for optimal plant growth.	
				2. Distinguish components of growing media, their uses, and basic types and sizes of containers.	
				3. Explain factors involved in proper greenhouse irrigation.	
				4. Identify nutrients essential for plant growth and development and signs of deficiency or toxicity.	
				5. Identify the need for fertilizer.	
				Other:	

3	2	1	N	E. Plant Propagation	Notes:
				1. Demonstrate the correct method for sexual propagation in the greenhouse environment.	
				2. Differentiate between various types of asexual propagation procedures.	
				Other:	

3	2	1	N	F. Plant Health	Notes:
				1. Identify pests and diseases in the greenhouse and factors that contribute to their presence.	
				2. Differentiate between various pest management methods.	
				3. Explain safe usage and application of pesticides.	
				Other:	

3	2	1	N	G. Greenhouse Business Management	Notes:
				1. Plan a commercial crop.	
				2. Develop a basic marketing plan.	
				Other:	